

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040989.D
 Acq On : 20 Jul 2023 19:51
 Operator : MA/JU
 Sample : 03452-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 21:39:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

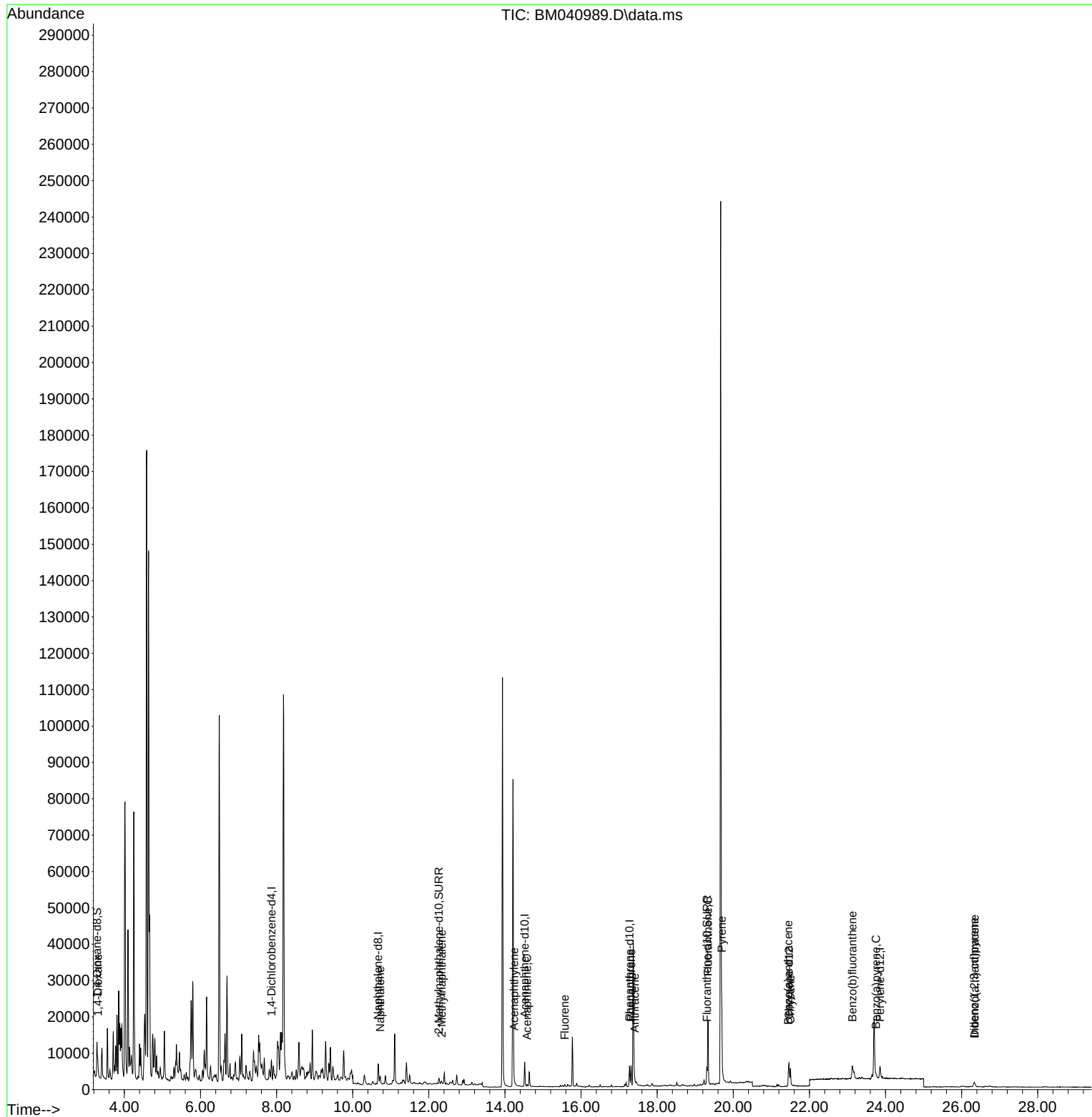
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	2945	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.669	136	8527	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	3699	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	6972	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	4803	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	4587	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	5375	1.110	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	2528	0.222	ng/ul	-0.02
18) Fluoranthene-d10	19.306	212	5229	0.259	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	675	0.132	ng/ul#	1
5) Naphthalene	10.724	128	3386	0.145	ng/ul#	92
7) 2-Methylnaphthalene	12.341	142	302	0.024	ng/ul	96
10) Acenaphthylene	14.240	152	578	0.037	ng/ul#	55
11) Acenaphthene	14.583	153	420	0.031	ng/ul#	92
12) Fluorene	15.573	166	378	0.027	ng/ul#	87
15) Phenanthrene	17.316	178	5987	0.287	ng/ul	97
16) Anthracene	17.409	178	563	0.035	ng/ul#	63
19) Fluoranthene	19.334	202	15184	0.612	ng/ul	100
20) Pyrene	19.696	202	16519	0.652	ng/ul	99
21) Benzo(a)anthracene	21.448	228	3943	0.269	ng/ul#	93
22) Chrysene	21.501	228	4582	0.274	ng/ul	95
24) Benzo(b)fluoranthene	23.129	252	6056	0.344	ng/ul	84
26) Benzo(a)pyrene	23.748	252	773	0.051	ng/ul#	3
27) Indeno(1,2,3-cd)pyrene	26.330	276	2280	0.113	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.344	278	693	0.045	ng/ul#	16

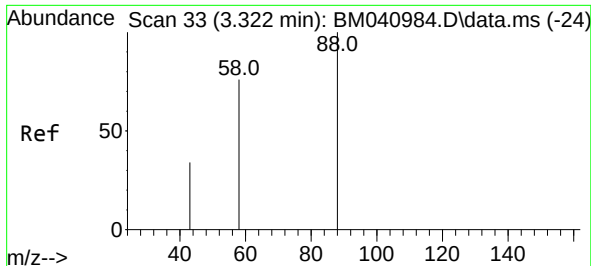
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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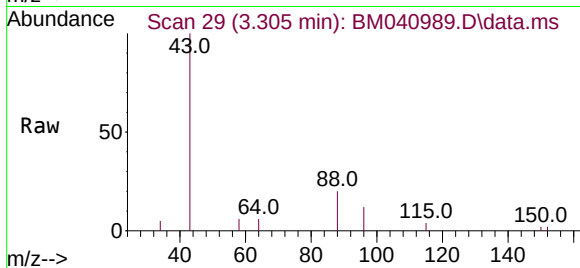
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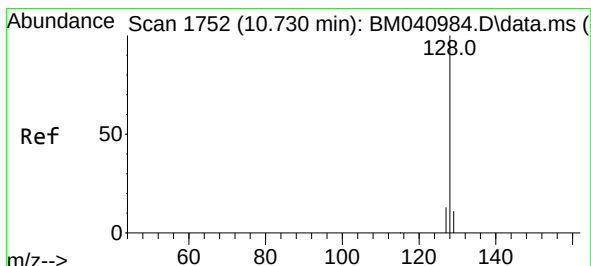
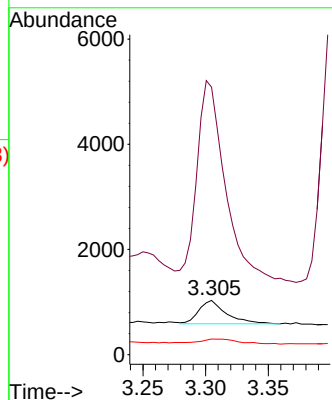
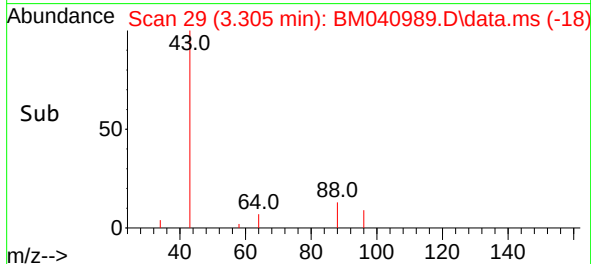


#2
1,4-Dioxane
Concen: 0.132 ng/ul
RT: 3.305 min Scan# 24
Delta R.T. -0.013 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

Instrument :
BNA_M
ClientSampleId :

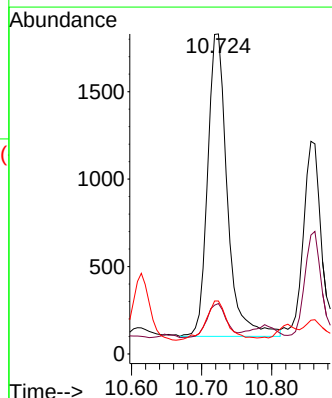
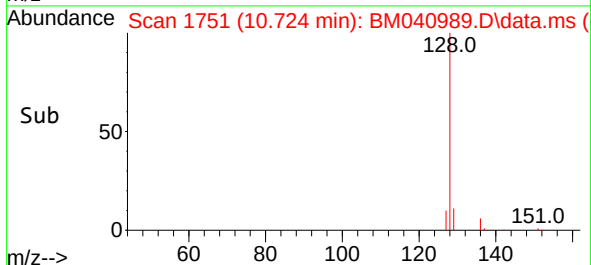
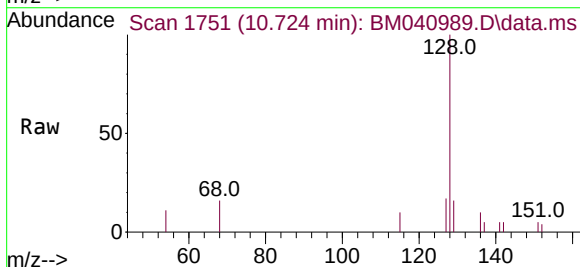


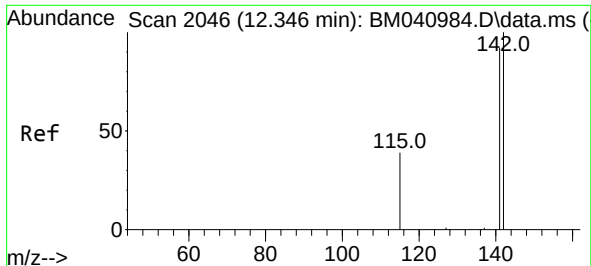
Tgt Ion: 88 Resp: 675
Ion Ratio Lower Upper
88 100
43 492.7 46.7 70.1#
58 29.0 40.3 60.5#



#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.724 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

Tgt Ion: 128 Resp: 3386
Ion Ratio Lower Upper
128 100
129 15.7 9.8 14.8#
127 16.6 11.0 16.4#

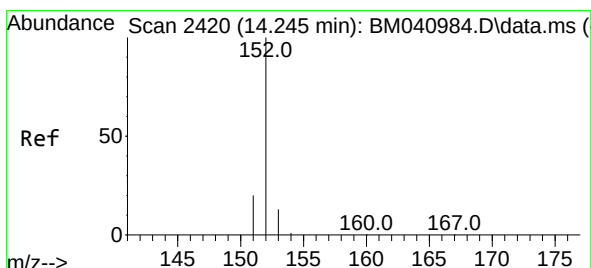
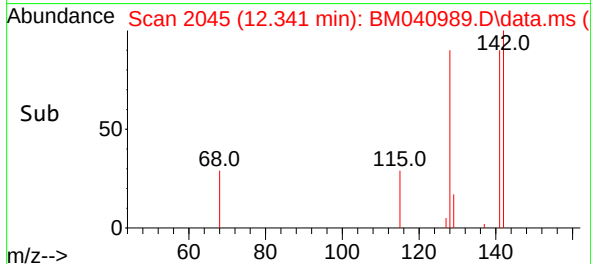
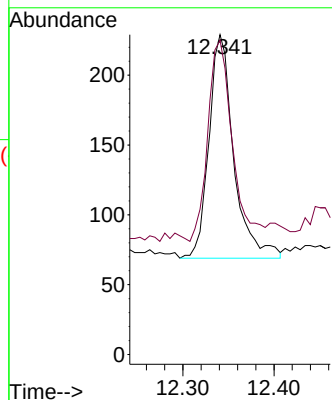
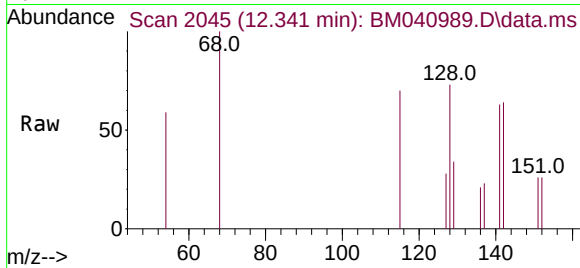




#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

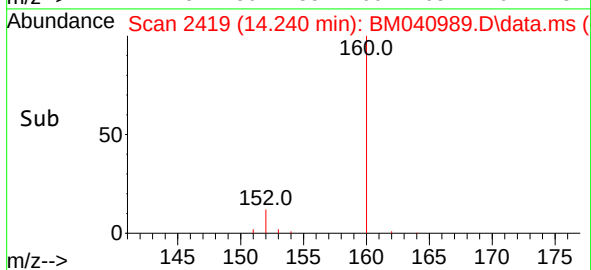
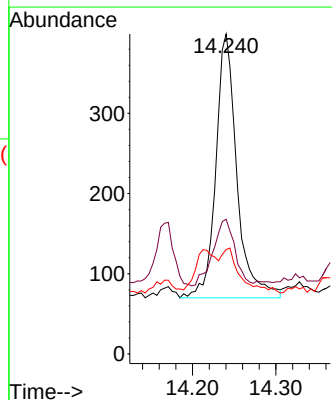
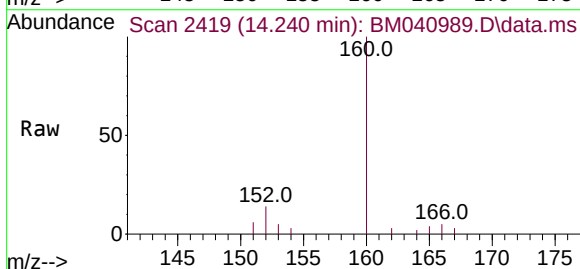
Instrument :
BNA_M
ClientSampleId :

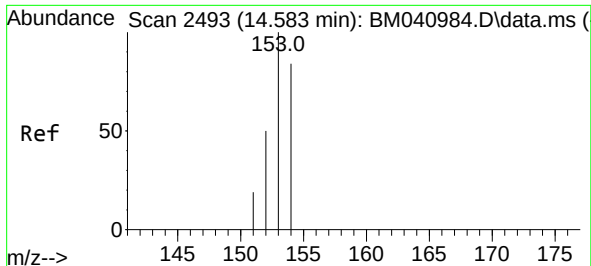
Tgt Ion:142 Resp: 302
Ion Ratio Lower Upper
142 100
141 95.7 73.2 109.8



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

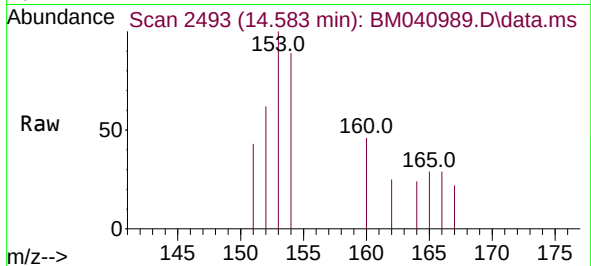
Tgt Ion:152 Resp: 578
Ion Ratio Lower Upper
152 100
151 42.1 16.8 25.2#
153 32.6 11.6 17.4#



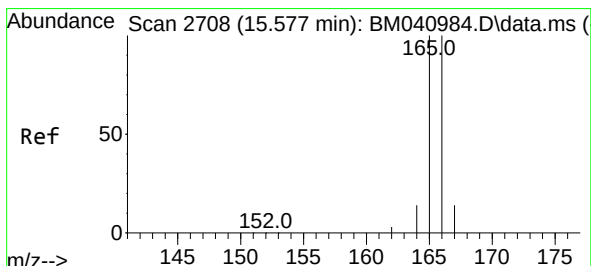
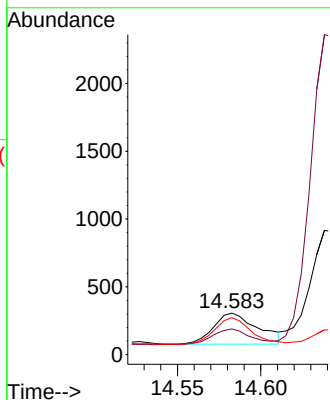
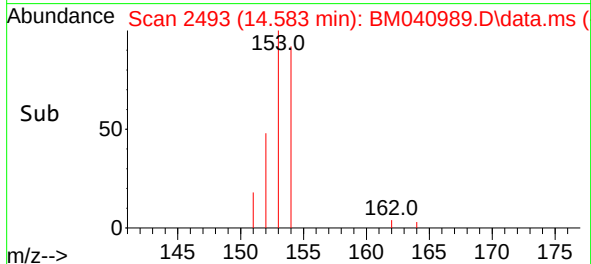


#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

Instrument :
BNA_M
ClientSampleId :

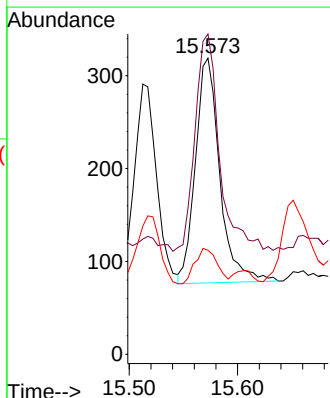
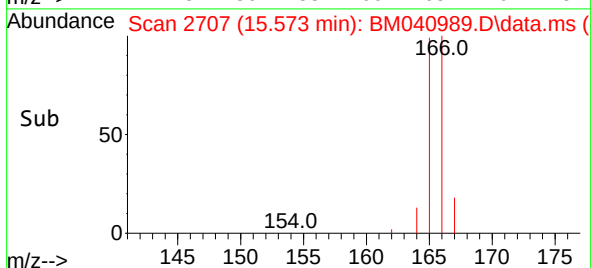
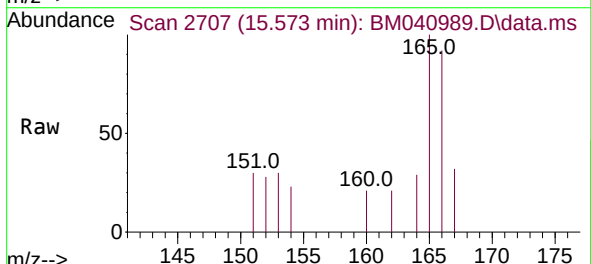


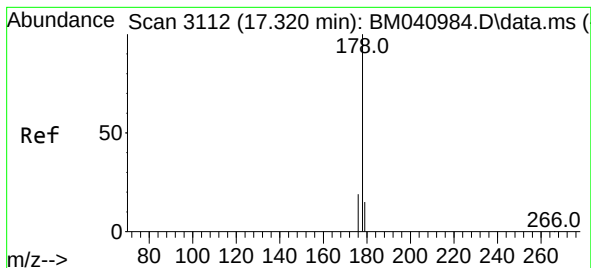
Tgt Ion:153 Resp: 420
Ion Ratio Lower Upper
153 100
152 61.9 41.0 61.6#
154 88.6 68.2 102.2



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.573 min Scan# 2707
Delta R.T. -0.009 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

Tgt Ion:166 Resp: 378
Ion Ratio Lower Upper
166 100
165 108.2 80.3 120.5
167 35.1 11.7 17.5#





#15

Phenanthrene

Concen: 0.287 ng/ul

RT: 17.316 min Scan# 3111

Delta R.T. -0.008 min

Lab File: BM040989.D

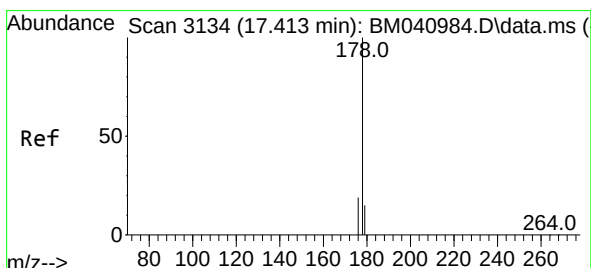
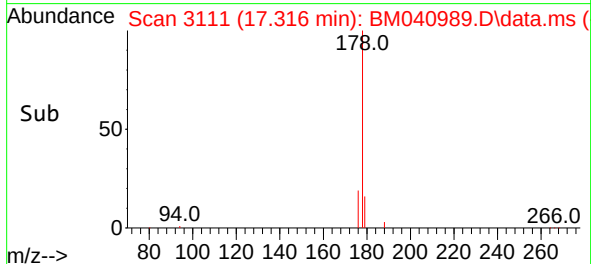
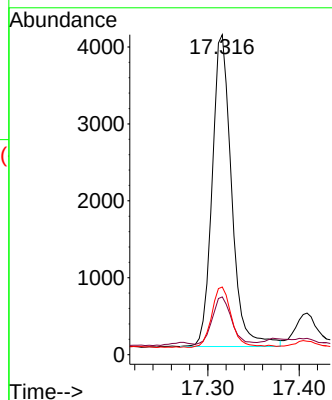
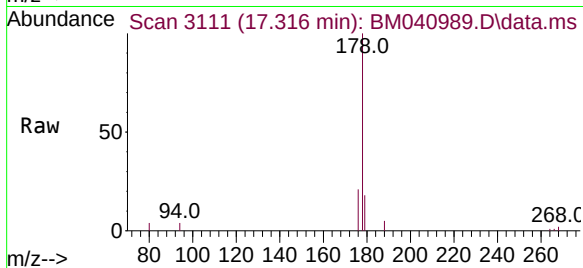
Acq: 20 Jul 2023 19:51

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	178	Resp:	5987
Ion Ratio	Lower	Upper	
178	100		
179	18.1	13.0	19.6
176	21.2	16.2	24.4



#16

Anthracene

Concen: 0.035 ng/ul

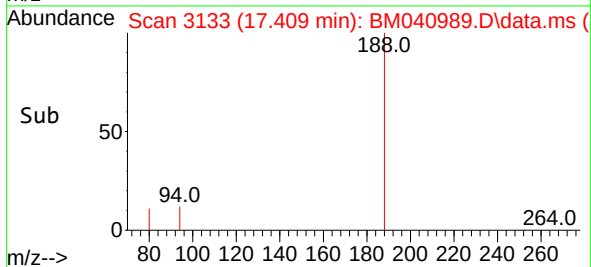
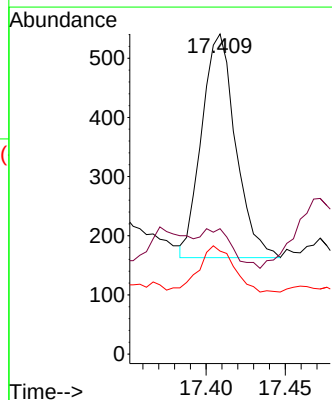
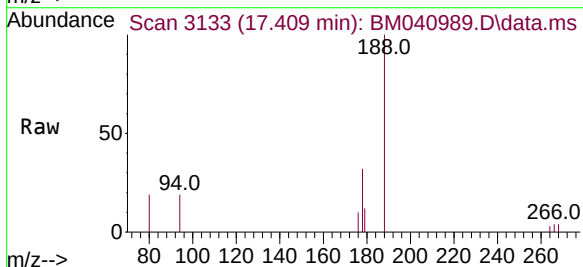
RT: 17.409 min Scan# 3133

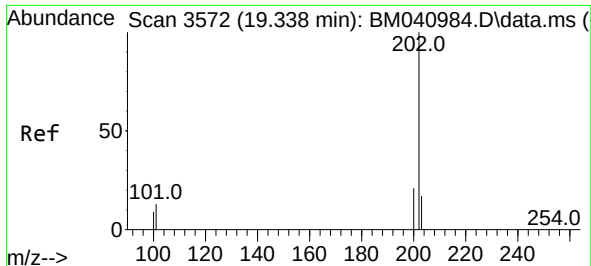
Delta R.T. -0.013 min

Lab File: BM040989.D

Acq: 20 Jul 2023 19:51

Tgt Ion:	178	Resp:	563
Ion Ratio	Lower	Upper	
178	100		
179	39.2	13.7	20.5#
176	32.2	16.4	24.6#

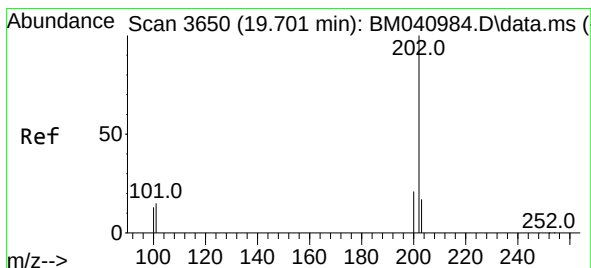
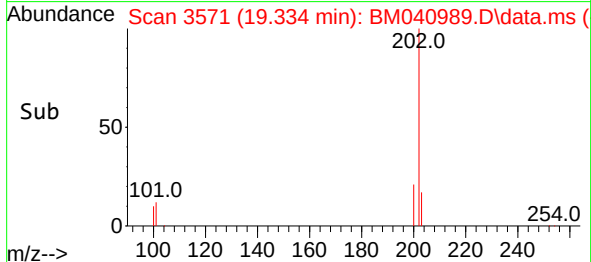
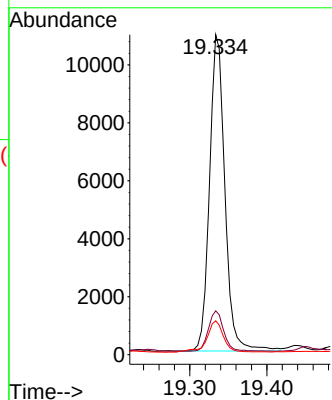
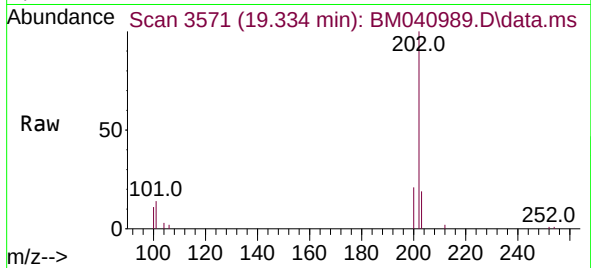




#19
Fluoranthene
Concen: 0.612 ng/ul
RT: 19.334 min Scan# 3572
Delta R.T. -0.009 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

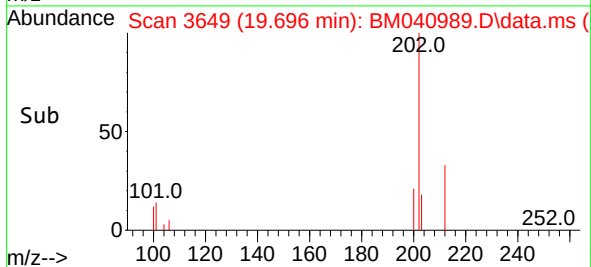
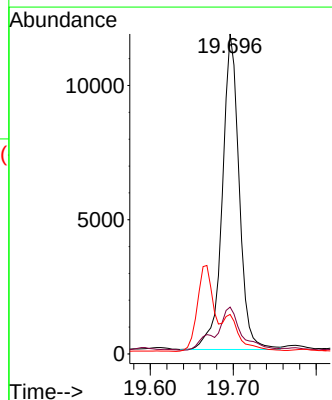
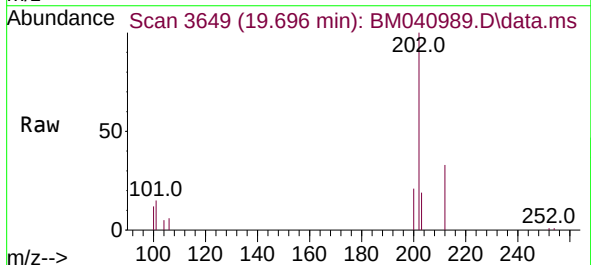
Instrument :
BNA_M
ClientSampleId :

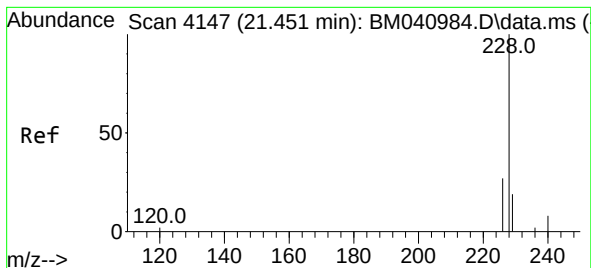
Tgt Ion:202 Resp: 15184
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.4
100 10.6 8.3 12.5



#20
Pyrene
Concen: 0.652 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

Tgt Ion:202 Resp: 16519
Ion Ratio Lower Upper
202 100
101 14.6 12.5 18.7
100 12.3 10.0 15.0





#21

Benzo(a)anthracene

Concen: 0.269 ng/ul

RT: 21.448 min Scan# 4146

Delta R.T. -0.009 min

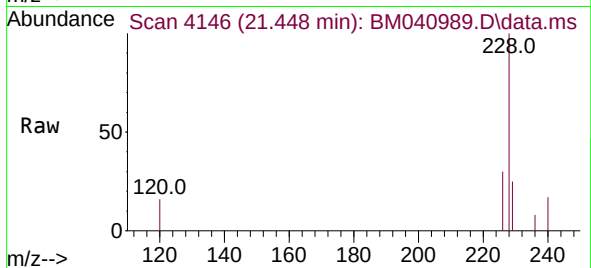
Lab File: BM040989.D

Acq: 20 Jul 2023 19:51

Instrument :

BNA_M

ClientSampleId :



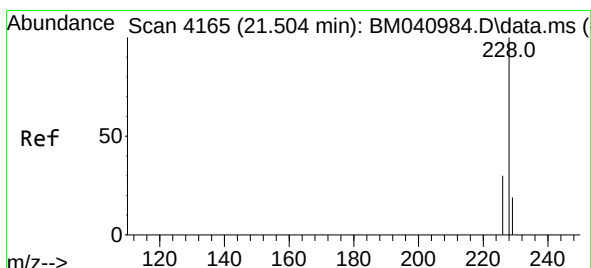
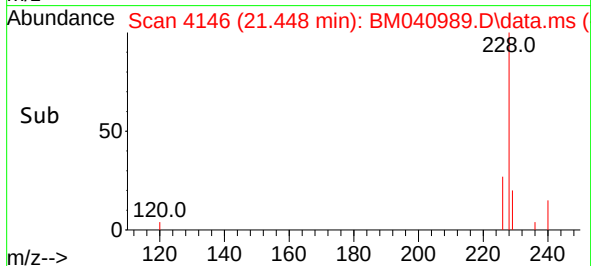
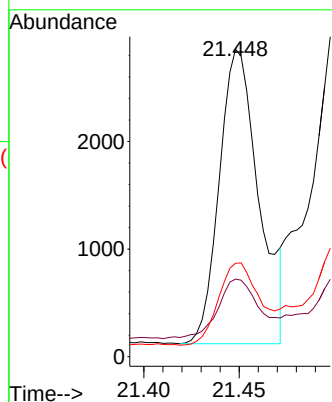
Tgt Ion:228 Resp: 3943

Ion Ratio Lower Upper

228 100

229 25.3 16.2 24.4#

226 30.4 22.3 33.5



#22

Chrysene

Concen: 0.274 ng/ul

RT: 21.501 min Scan# 4164

Delta R.T. -0.006 min

Lab File: BM040989.D

Acq: 20 Jul 2023 19:51

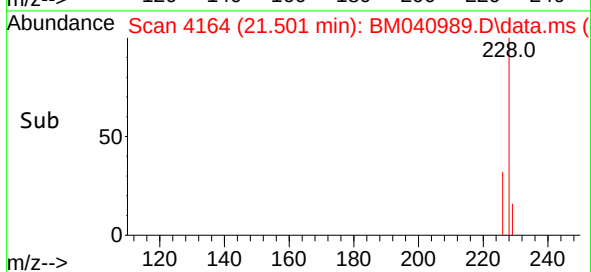
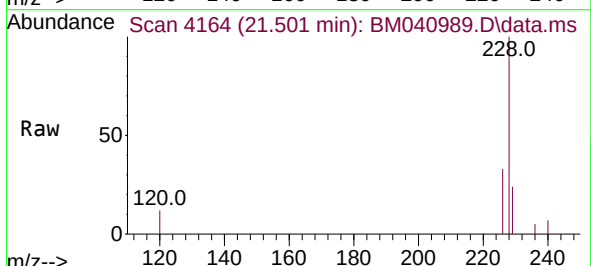
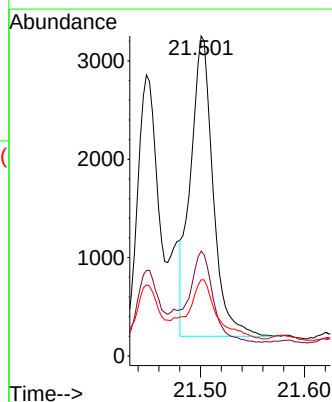
Tgt Ion:228 Resp: 4582

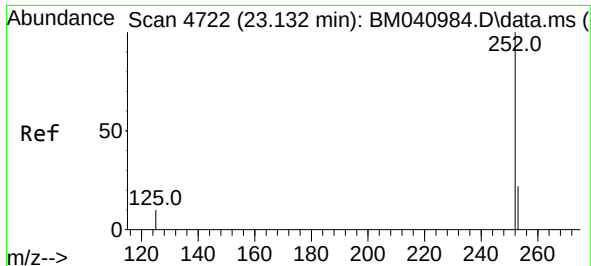
Ion Ratio Lower Upper

228 100

226 32.8 24.6 37.0

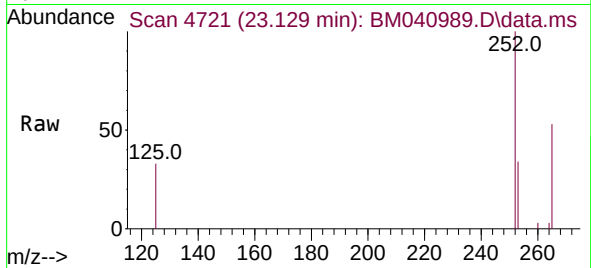
229 23.8 16.1 24.1



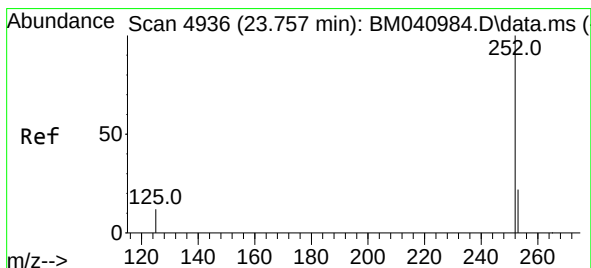
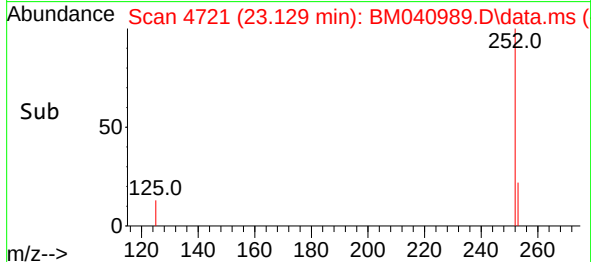
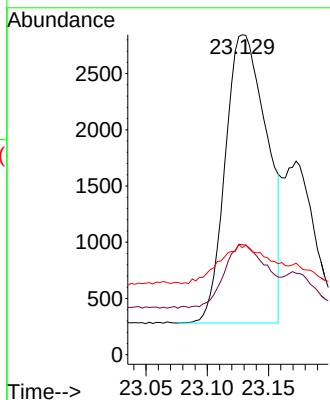


#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.129 min Scan# 4721
Delta R.T. -0.006 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

Instrument :
BNA_M
ClientSampleId :

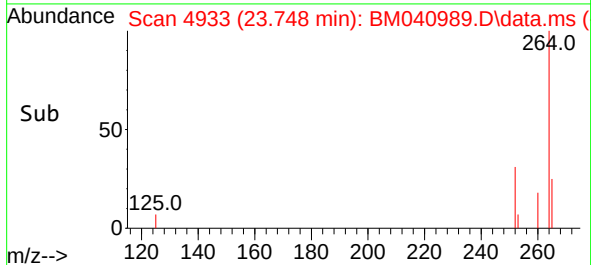
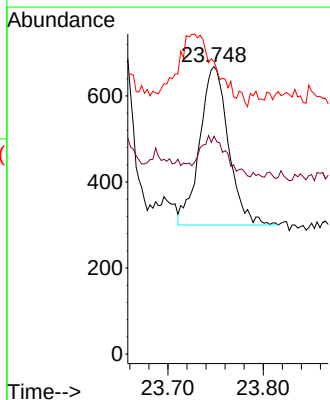
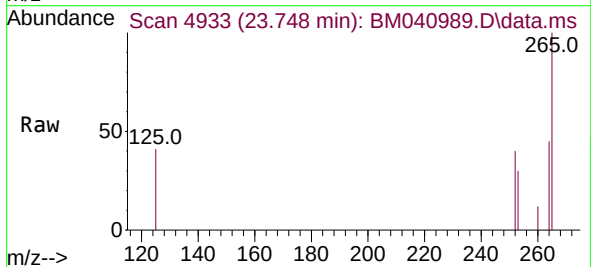


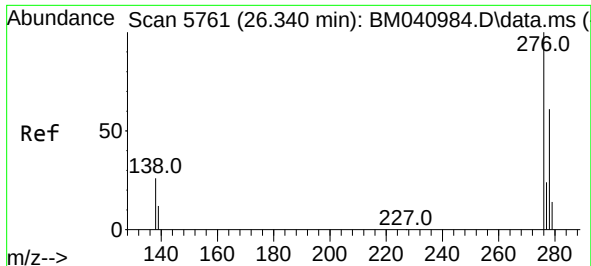
Tgt Ion:252 Resp: 6056
Ion Ratio Lower Upper
252 100
253 34.4 0.0 57.4
125 33.5 0.0 45.2



#26
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.748 min Scan# 4933
Delta R.T. -0.015 min
Lab File: BM040989.D
Acq: 20 Jul 2023 19:51

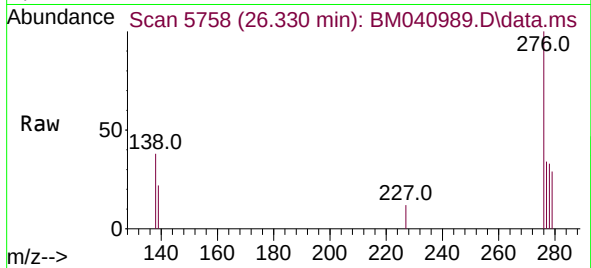
Tgt Ion:252 Resp: 773
Ion Ratio Lower Upper
252 100
253 75.7 28.2 42.2#
125 101.8 25.2 37.8#



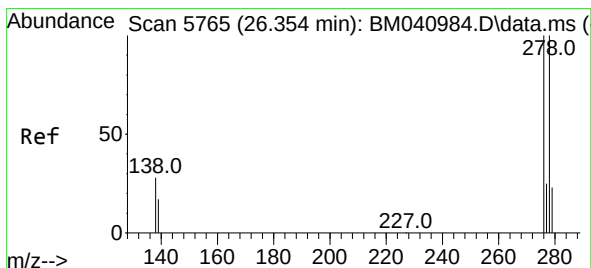
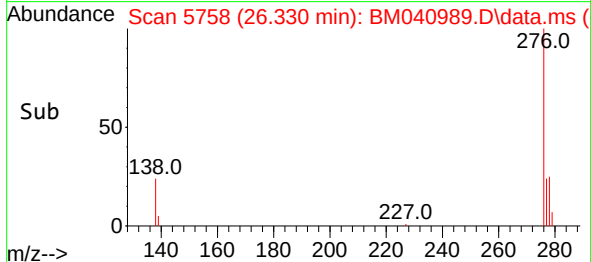
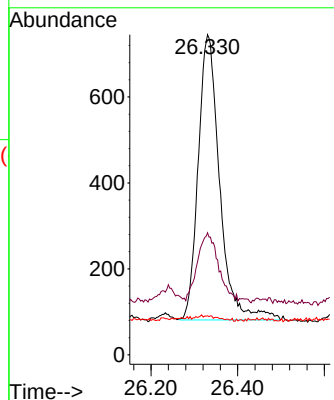


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.113 ng/ul
 RT: 26.330 min Scan# 5758
 Delta R.T. -0.020 min
 Lab File: BM040989.D
 Acq: 20 Jul 2023 19:51

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 2280
 Ion Ratio Lower Upper
 276 100
 138 25.3 22.3 33.5
 227 2.0 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.045 ng/ul
 RT: 26.344 min Scan# 5762
 Delta R.T. -0.024 min
 Lab File: BM040989.D
 Acq: 20 Jul 2023 19:51

Tgt Ion:278 Resp: 693
 Ion Ratio Lower Upper
 278 100
 139 66.7 19.2 28.8#
 279 80.6 27.0 40.6#

